

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

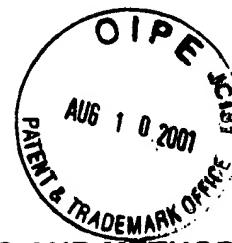
In re Patent Application of

SMITH et al.

Serial No. **09/662,462**

Filed: **September 15, 2000**

For: **NUCLEIC ACID PROBES AND METHODS FOR
DETECTING CLINICALLY IMPORTANT FUNGAL
PATHOGENS**



Atty. Ref.: **2551-49**

Group: **1655**

Examiner: **Goldberg**

August 10, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

LETTER

The attached paper and computer readable copies of the Sequence
Listing are the same. No new matter has been added.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____

A handwritten signature in black ink, appearing to read "B. J. Sadoff".

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Table:

3' tailing:

Species	SEQ ID NO	Sequence	Hybridization
<i>C. albicans</i>	SEQ ID NO 1	GTCTAAACTTACAACCAATT	-
<i>C. albicans</i>	SEQ ID NO 2	TGTCACACCAGATTATTACT	+
<i>C. albicans</i>	SEQ ID NO 3	TATCAACTTGTACACCCAGA	+
<i>C. albicans</i>	SEQ ID NO 33	TTGTCACACCAGATTATTACTT	+
<i>C. albicans</i>	SEQ ID NO 34	GGTTTATCAACTTGTACACCCAGA	-
<i>C. albicans</i>	SEQ ID NO 35	GGTATCAACTTGTACACCCAGATT	-
<i>C. parapsilosis</i>	SEQ ID NO 4	GTAGGCCTTCTATATGGG	+
<i>C. parapsilosis</i>	SEQ ID NO 5	TGCCAGAGATTAAACTCAAC	+
<i>C. tropicalis</i>	SEQ ID NO 6	GGTTATAACTAAACCAAAC	+
<i>C. tropicalis</i>	SEQ ID NO 36	GGTTATAACTAAACCAAACCTTTT	-
<i>C. kefyr</i>	SEQ ID NO 7	TTTCCCTATGAACCTACTTC	+
<i>C. kefyr</i>	SEQ ID NO 8	AGAGCTCGTCTCTCCAGT	+
<i>C. krusei</i>	SEQ ID NO 9	GGAATATAGCATATAGTCGA	+
<i>C. krusei</i>	SEQ ID NO 37	GGGAATATAGCATATAGTCGA	-
<i>C. glabrata</i>	SEQ ID NO 10	GAGCTCGGAGAGAGACATC	+
<i>C. dubliniensis</i>	SEQ ID NO 11	TAGTGGTATAAGGCGGAGAT	+
<i>C. dubliniensis</i>	SEQ ID NO 12	CTAAGGCGGTCTCTGGC	+
<i>C. dubliniensis</i>	SEQ ID NO 13	GTGTTGTTCTGGACAAACTT	+
<i>C. dubliniensis</i>	SEQ ID NO 38	GGTTTGTTCTGGACAAACTT	-

5' tailing:

Species	SEQ ID NO	Sequence	Hybridization
<i>C. albicans</i>	SEQ ID NO 1	GTCTAAACTTACAACCAATT	-
<i>C. albicans</i>	SEQ ID NO 2	TGTCACACCAGATTATTACT	-
<i>C. albicans</i>	SEQ ID NO 3	TATCAACTTGTACACCCAGA	-
<i>C. albicans</i>	SEQ ID NO 33	TTGTCACACCAGATTATTACTT	-
<i>C. albicans</i>	SEQ ID NO 34	GGTTTATCAACTTGTACACCCAGA	+
<i>C. albicans</i>	SEQ ID NO 35	GGTATCAACTTGTACACCCAGATT	+
<i>C. parapsilosis</i>	SEQ ID NO 4	GTAGGCCTTCTATATGGG	-
<i>C. parapsilosis</i>	SEQ ID NO 5	TGCCAGAGATTAAACTCAAC	+
<i>C. tropicalis</i>	SEQ ID NO 6	GGTTATAACTAAACCAAAC	-
<i>C. tropicalis</i>	SEQ ID NO 36	GGTTATAACTAAACCAAACCTTTT	+
<i>C. kefyr</i>	SEQ ID NO 7	TTTCCCTATGAACCTACTTC	-
<i>C. kefyr</i>	SEQ ID NO 8	AGAGCTCGTCTCTCCAGT	-
<i>C. krusei</i>	SEQ ID NO 9	GGAATATAGCATATAGTCGA	-
<i>C. krusei</i>	SEQ ID NO 37	GGGAATATAGCATATAGTCGA	+
<i>C. glabrata</i>	SEQ ID NO 10	GAGCTCGGAGAGAGACATC	+
<i>C. dubliniensis</i>	SEQ ID NO 11	TAGTGGTATAAGGCGGAGAT	+
<i>C. dubliniensis</i>	SEQ ID NO 12	CTAAGGCGGTCTCTGGC	-
<i>C. dubliniensis</i>	SEQ ID NO 13	GTGTTGTTCTGGACAAACTT	-
<i>C. dubliniensis</i>	SEQ ID NO 38	GGTTTGTTCTGGACAAACTT	+